In this zip file, you will find most of the Jupyter notebooks and files that constitute the code for the last chapter of my master's thesis.

The recommended order for opening the notebooks is:

- 1. Data preprocessing.ipynb
- 2. Feature selection via heatmap.ipynb
- 3. PCA_UMAP.ipynb
- 4. ST graph.ipynb
- 5. Barcelona barcodes.ipynb